

## Res. Asst. MUHAMMED YUSUF ONAY

### Personal Information

**Email:** yusufonay@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/12365>

### International Researcher IDs

ScholarID: gWDt9vgAAAAJ

ORCID: 0000-0002-4984-5421

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2019 - Continues

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği A.B.D., Turkey 2016 - 2019

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, Turkey 2010 - 2014

### Dissertations

Postgraduate, Modeling and performance analysis of wirelessly powered backscatter communication networks, Hacettepe University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği A.B.D., 2019

### Academic Titles / Tasks

Research Assistant, Gazi University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği, Mühendislik Fakültesi, 2019 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. Ambient Backscatter Communication Based Cooperative Relaying for Heterogeneous Cognitive Radio Networks**  
ONAY M. Y., ERTUĞ Ö.  
Radioengineering, vol.32, no.2, pp.237-247, 2023 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. Performance Analysis of Joint Backscattering and Energy Harvesting Full-Duplex Access Points in Wireless Cellular Area Networks Kablosuz Hücresel Alan Ağlarında Ortak Geri Saçılım ve Enerji Hasadı Çift Yönlü Erişim Noktalarının Performans Analizi**  
ONAY M. Y., ERTUĞ Ö.  
31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Turkey, 5 - 08 July 2023
- II. Transmission Performance Analysis of Cognitive Radio Based Backscatter Communication Systems**  
Onay M. Y., Durak M. H., Ertuğ Ö.  
International Conference on Electrical and Electronics Engineering, ELECO, Bursa, Turkey, 25 November 2021

**III. Performance Analysis of TV, FM and WiFi signals in backscatter communication networks Geri Saçılım Haberleşme Ağlarında TV, FM ve WiFi Sinyallerinin Başarım Analizi**

ONAY M. Y., DÜLEK B.

27th Signal Processing and Communications Applications Conference, SIU 2019, Sivas, Turkey, 24 - 26 April 2019

**Metrics**

Publication: 4

Citation (WoS): 3

Citation (Scopus): 5

H-Index (WoS): 1

H-Index (Scopus): 1